

CXCL6 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP02314-1

Capture Antibody Information

Catalog Number:
85953-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
243095E4
Reactivity:
human
GenBank:
NM_002993.4
Immunogen Catalog Number:
Eg3386

Conjugate:
Unconjugated
Full name:
chemokine (C-X-C motif) ligand 6
(granulocyte chemotactic protein 2)
Gene ID:
6372

Detection Antibody Information

Catalog Number:
85953-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
243095C9
Reactivity:
human
GenBank:
NM_002993.4
Immunogen Catalog Number:
Eg3386

Conjugate:
Unconjugated
Full name:
chemokine (C-X-C motif) ligand 6
(granulocyte chemotactic protein 2)
Gene ID:
6372

Applications

Tested Applications:
Sandwich ELISA

Range:
46.9-3000 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP02314-1 targets CXCL6 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CXCL6 Recombinant antibody, PBS Only (Capture) 85953-3-PBS (243095E4). 100 µg. Concentration 1 mg/mL.

Detection antibody: CXCL6 Recombinant antibody, PBS Only (Detector) 85953-2-PBS (243095C9). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

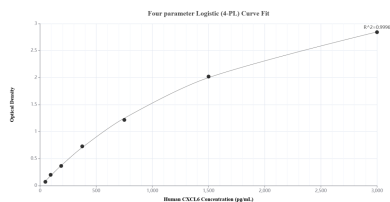
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

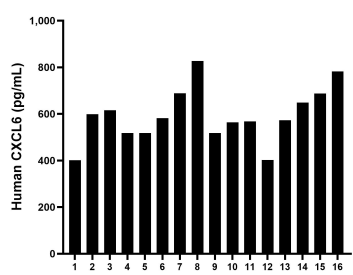
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

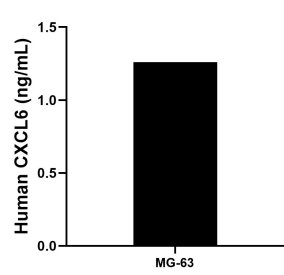
Selected Validation Data



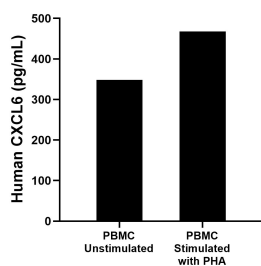
Sandwich ELISA standard curve of MP02314-1, Human CXCL6 Recombinant Matched Antibody Pair - PBS only. 85953-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3386. 85953-2-PBS was HRP conjugated as the detection antibody. Range: 46.9-3000 pg/mL.



Serum of sixteen individual healthy human donors was measured. The CXCL6 concentration of detected samples was determined to be 593.4 pg/mL with a range of 401.6-827.0 pg/mL.



MG-63 cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 μ g/mL streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed for CXCL6, and measured 1.3 ng/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA for 3 days. The mean CXCL6 concentration was determined to be 348.5 pg/mL in unstimulated PBMC supernatant, 467.5 pg/mL in PHA stimulated PBMC supernatant.